



SEQUENCE LISTING

<110> Dennler, Sylviane Gabrielle Nadine
Gauthier, Jean Michel
Huet, Staphane

<120> Method of screening therapeutic agents

<130> 1430-245 PF3402/USw

<140> US 09/601,534

<141> 2000-08-28

<150> PCT/EP99/00664

<151> 1999-02-04

<150> GB 9802475.5

<151> 1998-02-06

<160> 23

<170> MS Word

<210> 1

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acaagccaga caagccagac a 81

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#171C

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<212> DNA

<213> Artificial Sequence

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acaagacaga caagacagac a 81

<210> 3

<211> 81

<212> DNA

<213> Artificial Sequence

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<223> Synthetic construct

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agctacataa gctacataag ctacataagc tacataagct acataagcta cataagctac 60
ataagctaca taagctacat a 81

<210> 4

<211> 467

<212> PRT

<213> Homo sapiens

<400> 4

Met Ser Ser Ile Leu Pro Phe Thr Pro Pro Val Val Lys Arg Leu Leu
1 5 10 15

Gly Trp Lys Lys Ser Ala Gly Gly Ser Gly Gly Ala Gly Gly Gly Glu
20 25 30

Gln Asn Gly Gln Glu Glu Lys Trp Cys Glu Lys Ala Val Lys Ser Leu
35 40 45

Val Lys Lys Leu Lys Lys Thr Gly Arg Leu Asp Glu Leu Glu Lys Ala
 50 55 60

Ile Thr Thr Gln Asn Cys Asn Thr Lys Cys Val Thr Ile Pro Ser Thr
 65 70 75 80

Cys Ser Glu Ile Trp Gly Leu Ser Thr Pro Asn Thr Ile Asp Gln Trp
 85 90 95

Asp Thr Thr Gly Leu Tyr Ser Phe Ser Glu Gln Thr Arg Ser Leu Asp
 100 105 110

Gly Arg Leu Gln Val Ser His Arg Lys Gly Leu Pro His Val Ile Tyr
 115 120 125

Cys Arg Leu Trp Arg Trp Pro Asp Leu His Ser His His Glu Leu Lys
 130 135 140

Ala Ile Glu Asn Cys Glu Tyr Ala Phe Asn Leu Lys Lys Asp Glu Val
 145 150 155 160

Cys Val Asn Pro Tyr His Tyr Gln Arg Val Glu Thr Pro Val Leu Pro
 165 170 175

Pro Val Leu Val Pro Arg His Thr Glu Ile Leu Thr Glu Leu Pro Pro
 180 185 190

Leu Asp Asp Tyr Thr His Ser Ile Pro Glu Asn Thr Asn Phe Pro Ala
 195 200 205

Gly Ile Glu Pro Gln Ser Asn Tyr Ile Pro Glu Thr Pro Pro Pro Gly
 210 215 220

Tyr Ile Ser Glu Asp Gly Glu Thr Ser Asp Gln Gln Leu Asn Gln Ser
 225 230 235 240

Met Asp Thr Gly Ser Pro Ala Glu Leu Ser Pro Thr Thr Leu Ser Pro	245	250	255
Val Asn His Ser Leu Asp Leu Gln Pro Val Thr Tyr Ser Glu Pro Ala	260	265	270
Phe Trp Cys Ser Ile Ala Tyr Tyr Glu Leu Asn Gln Arg Val Gly Glu	275	280	285
Thr Phe His Ala Ser Gln Pro Ser Leu Thr Val Asp Gly Phe Thr Asp	290	295	300
Pro Ser Asn Ser Glu Arg Phe Cys Leu Gly Leu Leu Ser Asn Val Asn	305	310	315 320
Arg Asn Ala Thr Val Glu Met Thr Arg Arg His Ile Gly Arg Gly Val	325	330	335
Arg Leu Tyr Tyr Ile Gly Gly Glu Val Phe Ala Glu Cys Leu Ser Asp	340	345	350
Ser Ala Ile Phe Val Gln Ser Pro Asn Cys Asn Gln Arg Tyr Gly Trp	355	360	365
His Pro Ala Thr Val Cys Lys Ile Pro Pro Gly Cys Asn Leu Lys Ile	370	375	380
Phe Asn Asn Gln Glu Phe Ala Ala Leu Leu Ala Gln Ser Val Asn Gln	385	390	395 400
Gly Phe Glu Ala Val Tyr Gln Leu Thr Arg Met Cys Thr Ile Arg Met	405	410	415
Ser Phe Val Lys Gly Trp Gly Ala Glu Tyr Arg Arg Gln Thr Val Thr	420	425	430
Ser Thr Pro Cys Trp Ile Glu Leu His Leu Asn Gly Pro Leu Gln Trp	435	440	445

Leu Asp Lys Val Leu Thr Gln Met Gly Ser Pro Ser Val Arg Cys Ser
450 455 460

Ser Met Ser
465

<210> 5

<211> 425

<212> PRT

<213> Homo sapiens

<400> 5

Met Ser Ser Ile Leu Pro Phe Thr Pro Pro Ile Val Lys Arg Leu Leu
1 5 10 15

Gly Trp Lys Lys Gly Glu Gln Asn Gly Gln Glu Glu Lys Trp Cys Glu
20 25 30

Lys Ala Val Lys Ser Leu Val Lys Lys Leu Lys Lys Thr Gly Gln Leu
35 40 45

Asp Glu Leu Glu Lys Ala Ile Thr Thr Gln Asn Val Asn Thr Lys Cys
50 55 60

Ile Thr Ile Pro Arg Ser Leu Asp Gly Arg Leu Gln Val Ser His Arg
65 70 75 80

Lys Gly Leu Pro His Val Ile Tyr Cys Arg Leu Trp Arg Trp Pro Asp
85 90 95

Leu His Ser His His Glu Leu Arg Ala Met Glu Leu Cys Glu Phe Ala
100 105 110

Phe Asn Met Lys Lys Asp Glu Val Cys Val Asn Pro Tyr His Tyr Gln
115 120 125

Arg Val Glu Thr Pro Val Leu Pro Pro Val Leu Val Pro Arg His Thr			
130	135	140	
Glu Ile Pro Ala Glu Phe Pro Pro Leu Asp Asp Tyr Ser His Ser Ile			
145	150	155	160
Pro Glu Asn Thr Asn Phe Pro Ala Gly Ile Glu Pro Gln Ser Asn Ile			
	165	170	175
Pro Glu Thr Pro Pro Pro Gly Tyr Leu Ser Glu Asp Gly Glu Thr Ser			
	180	185	190
Asp His Gln Met Asn His Ser Met Asp Ala Gly Ser Pro Asn Leu Ser			
	195	200	205
Pro Asn Pro Met Ser Pro Ala His Asn Asn Leu Asp Leu Gln Pro Val			
	210	215	220
Thr Tyr Cys Glu Pro Ala Phe Trp Cys Ser Ile Ser Tyr Tyr Glu Leu			
225	230	235	240
Asn Gln Arg Val Gly Glu Thr Phe His Ala Ser Gln Pro Ser Met Thr			
	245	250	255
Val Asp Gly Phe Thr Asp Pro Ser Asn Ser Glu Arg Phe Cys Leu Gly			
	260	265	270
Leu Leu Ser Asn Val Asn Arg Asn Ala Ala Val Glu Leu Thr Arg Arg			
	275	280	285
His Ile Gly Arg Gly Val Arg Leu Tyr Tyr Ile Gly Gly Glu Val Phe			
	290	295	300
Ala Glu Cys Leu Ser Asp Ser Ala Ile Phe Val Gln Ser Pro Asn Cys			
305	310	315	320
Asn Gln Arg Tyr Gly Trp His Pro Ala Thr Val Cys Lys Ile Pro Pro			
	325	330	335

Gly Cys Asn Leu Lys Ile Phe Asn Asn Gln Glu Phe Ala Ala Leu Leu
340 345 350

Ala Gln Ser Val Asn Gln Gly Phe Glu Ala Val Tyr Gln Leu Thr Arg
355 360 365

Met Cys Thr Ile Arg Met Ser Phe Val Lys Gly Trp Gly Ala Glu Tyr
370 375 380

Arg Arg Gln Thr Val Thr Ser Thr Pro Cys Trp Ile Glu Leu His Leu
385 390 395 400

Asn Gly Pro Leu Gln Trp Leu Asp Lys Val Leu Thr Gln Met Gly Ser
405 410 415

Pro Ser Ile Arg Cys Ser Ser Val Ser
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<210> 6

<211> 39

<212> DNA

<213> Artificial Sequence

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<223> Oligonucleotide

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<210> 7

<211> 39

<212> DNA

<213> Artificial Sequence

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<223> Oligonucleotide

<400> 7

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39

<210> 8

<211> 39

<212> DNA

<213> Artificial Sequence

<220>

<223> Oligonucleotide

<400> 8

tcgagagaca gacaaaaaga cagacattta gacagacac

39

<210> 9

<211> 39

<212> DNA

<213> Artificial Sequence

<220>

<223> Oligonucleotide

<400> 9

tcgagtggtct gtctaaatgt ctgtcttttt gtctgtctc

39

<210> 10

<211> 39

<212> DNA

<213> Artificial Sequence

<220>

<223> Oligonucleotide

<400> 10

tcgagagcta cataaaaagc tacatatatta gctacatac

39

<210> 11

<211> 39

<212> DNA

<213> Artificial Sequence

<220>

<223> Oligonucleotide

<400> 11

tcgagtatgt agctaaatat gtagcttttt atgtagctc

39

<210> 12

<211> 39

<212> DNA

<213> Artificial Sequence

<220>

<223> Oligonucleotide

<400> 12

tcgagagcca gacaaggagc cagacaagga gccagacac

39

<210> 13

<211> 40

<212> DNA

<213> Artificial Sequence

<220>

<223> Oligonucleotide

<400> 13

ctcgagtgtc tggctccttg tctggctcct tgtctggctc

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<210> 14

<211> 39

<212> DNA

<213> Artificial Sequence

<220>

<223> Oligonucleotide

<400> 14

tcgagagcta cataaaaagc tacatattta gctacatac

39

<210> 15

<211> 39

<212> DNA

<213> Artificial Sequence

<220>

<223> Oligonucleotide

<400> 15

tcgagtatgt agctaaatat gtagcttttt atgtagctc

39

<210> 16

<211> 50

<212> DNA

<213> Artificial Sequence

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<223> Oligonucleotide

<400> 16

tcgaggctgc cctaaaatgt gtattccatg gaaatgtctg cccttctctc

50

<210> 17
<211> 50
<212> DNA
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<400> 17
tcgagagaga agggcagaca tttccatgga atacacattt tagggcagcc 50

<210> 18
<211> 15
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<400> 18
ccgggatgac tcagc 15

<210> 19
<211> 15
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<220>
<223> Oligonucleotide

<400> 19
ccgggctgag tcatc 15

<210> 20
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<212> DNA

<213> Artificial Sequence

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<223> Oligonucleotide

<400> 20

ccggtttgga ttgaagccaa tatg

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<210> 21

<211> 24

<212> DNA

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<223> Oligonucleotide

<400> 21

ccggcatatt ggcttcaatc caaa

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<210> 22

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> Oligonucleotide

<400> 22

tcgaggacag ggggcggagc ctc

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<210> 23

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<223> Oligonucleotide

<400> 23

tcgagaggct ccgccccctg tcc

23